

10037661.010402

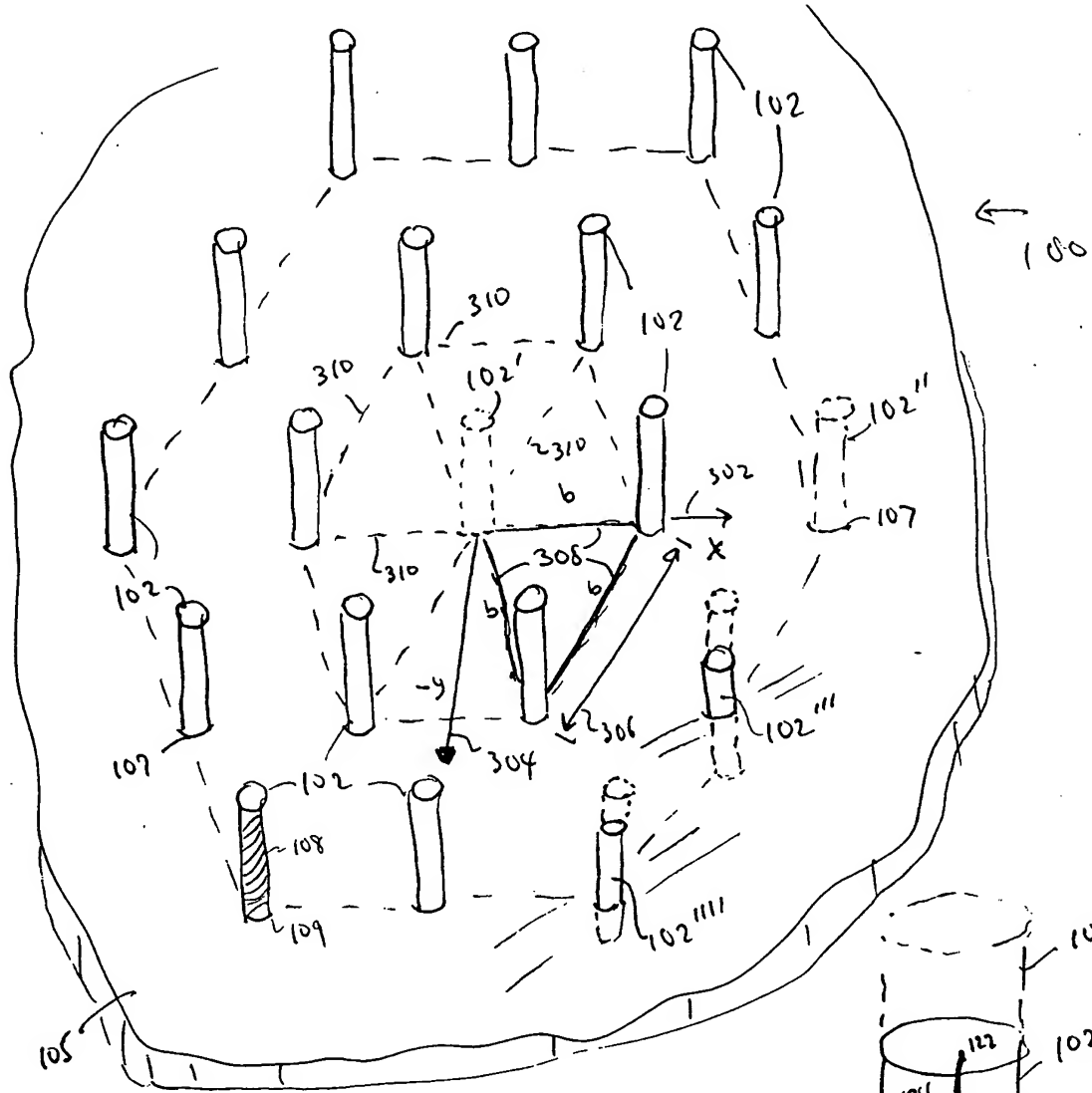


FIGURE 1A

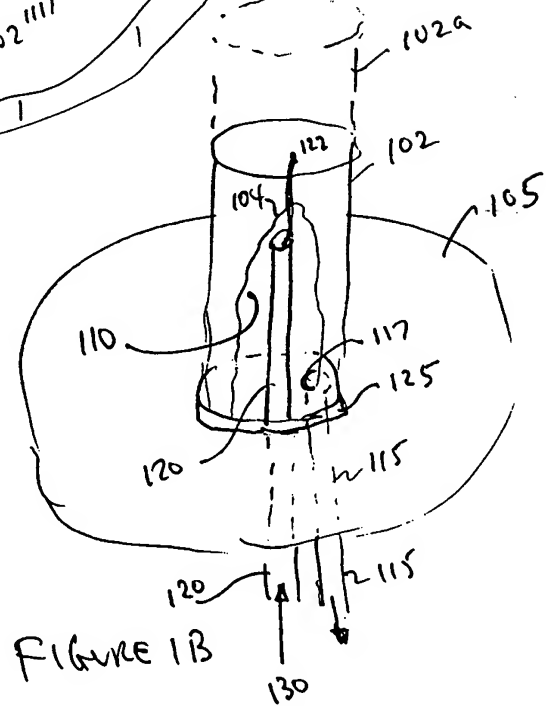


FIGURE 1B

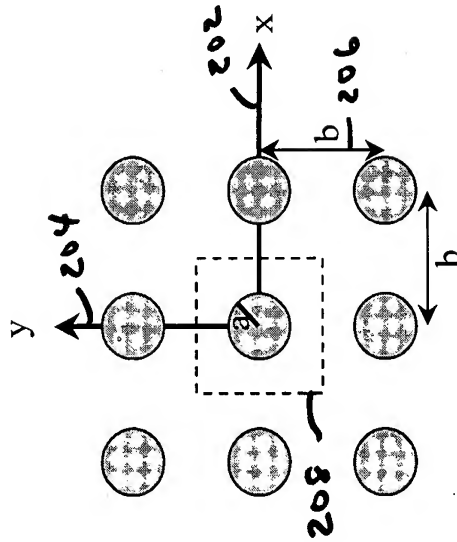


Figure 2A

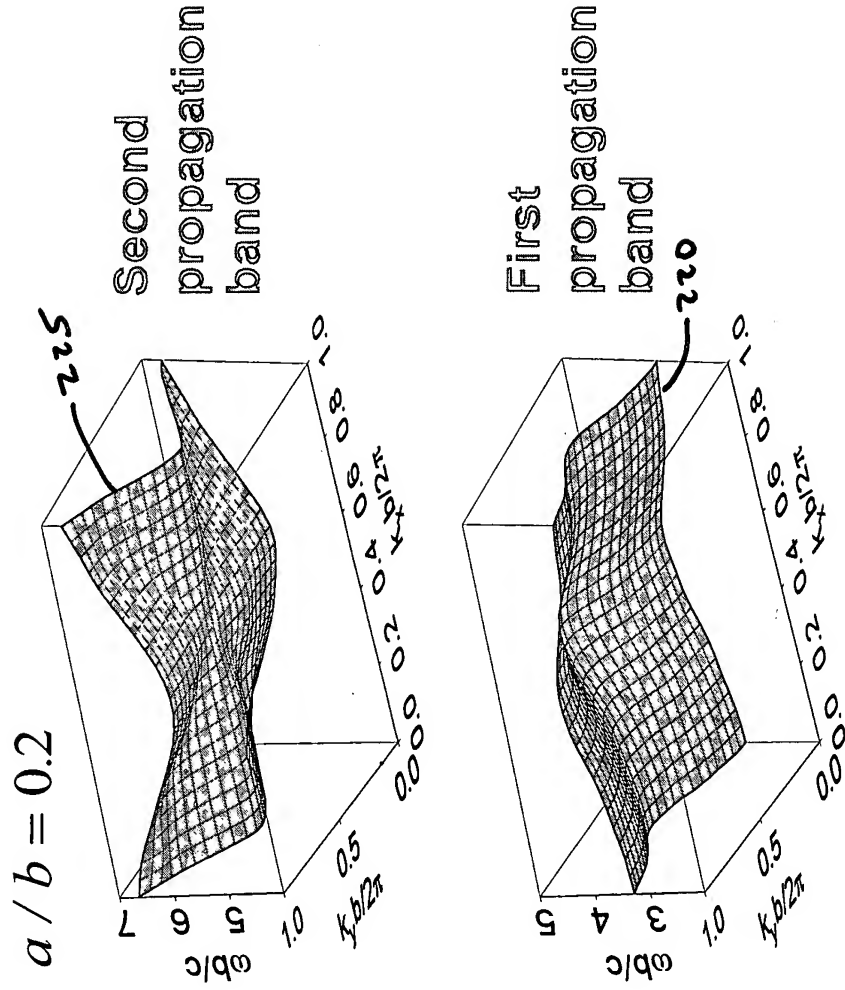


Figure 2B

204010*1994E001

204070 1994E001

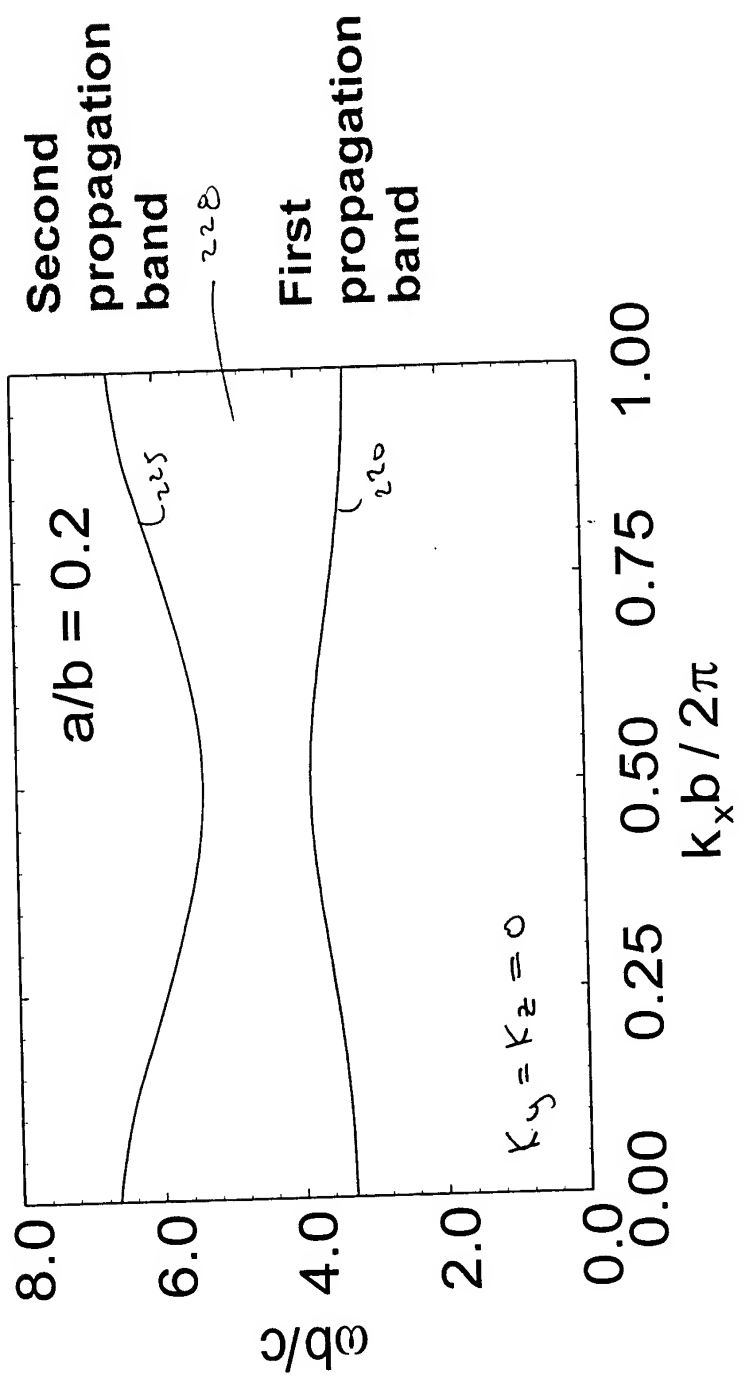


FIGURE 2C

Title Vacuum Electron Device with Photonic
Bandgap Structure and Method of Use Thereof
Inventor(s): Chen et al.
Serial No. Not Yet Assigned
Atty Docket No. MIT-132 (5473/145)
Atty/Agent: Joseph B. Milstein
Express Mail Mailing Label No. EL816677502US

$$(k_x, k_y, k_z) = (\pi/b, 0, 0)$$

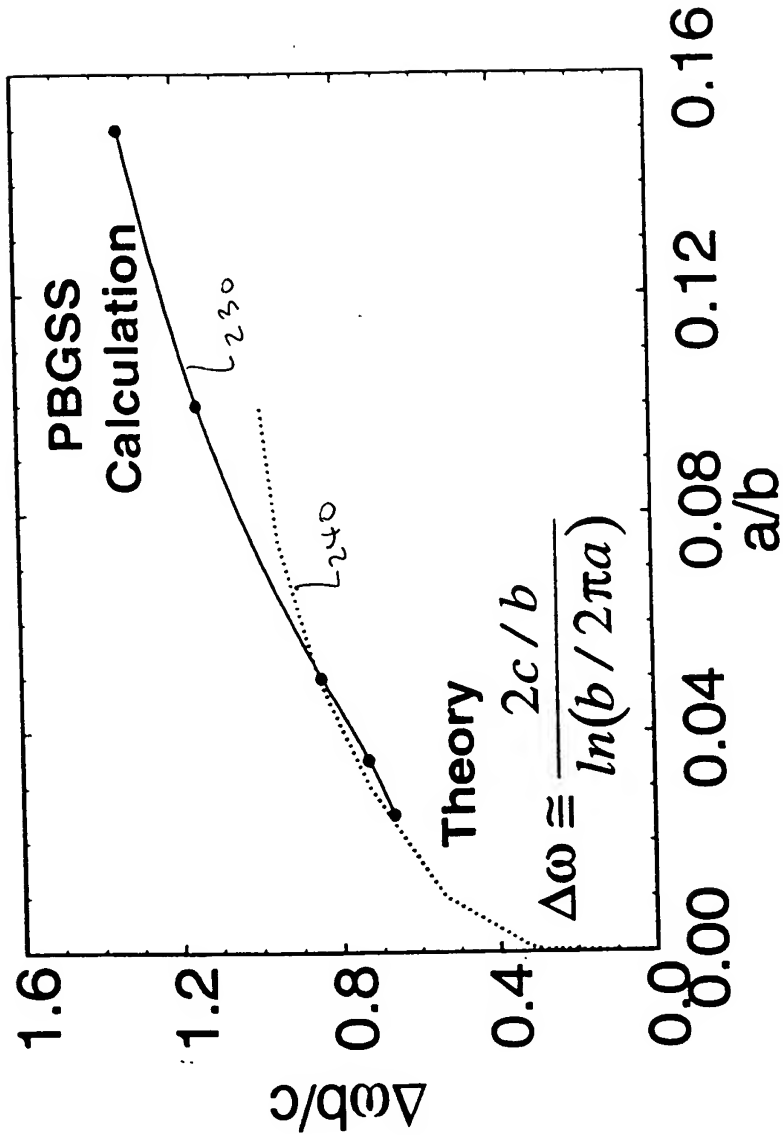


FIG. 2D

204070 " F992E00T

Title: Vacuum Electron Device with Photonic
Bandgap Structure and Method of Use Thereof
Inventor(s): Chen et al.
Serial No. Not Yet Assigned
Atty Docket No. MIT-132 (5473/145)
Atty/Agent: Joseph B. Milstein
Express Mail Mailing Label No. EL816677502US

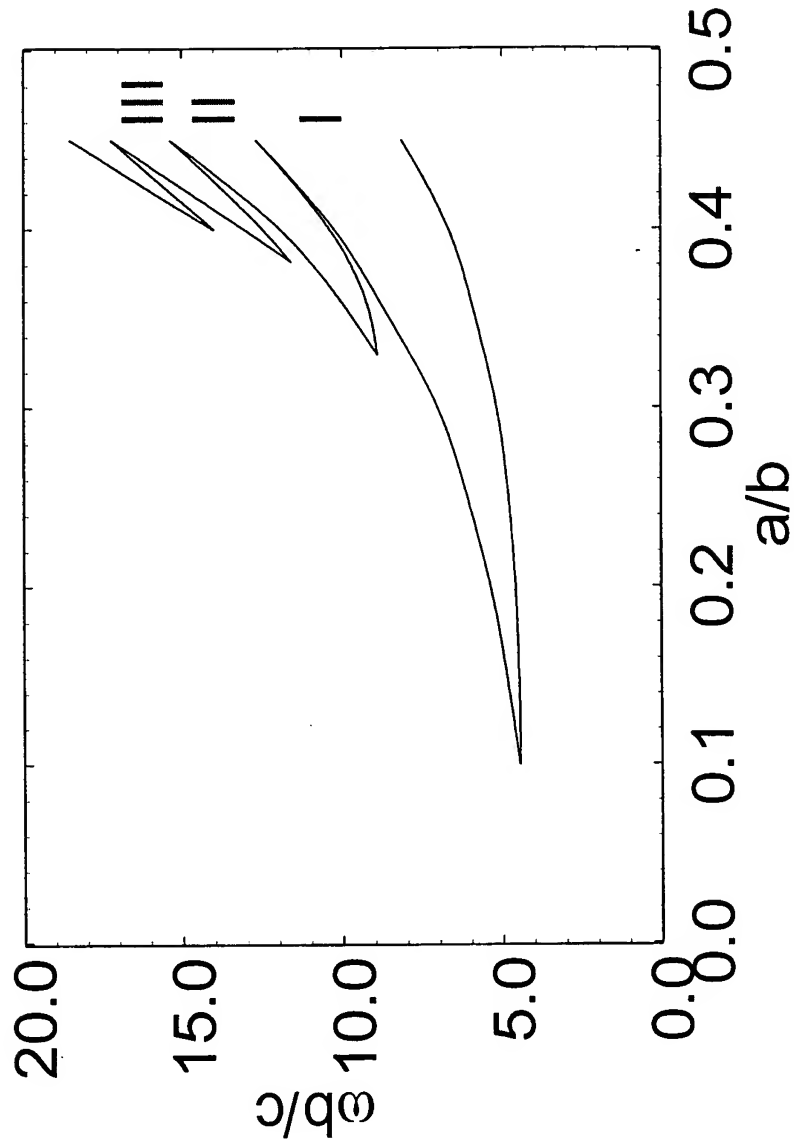


Figure 3

2010-01-29

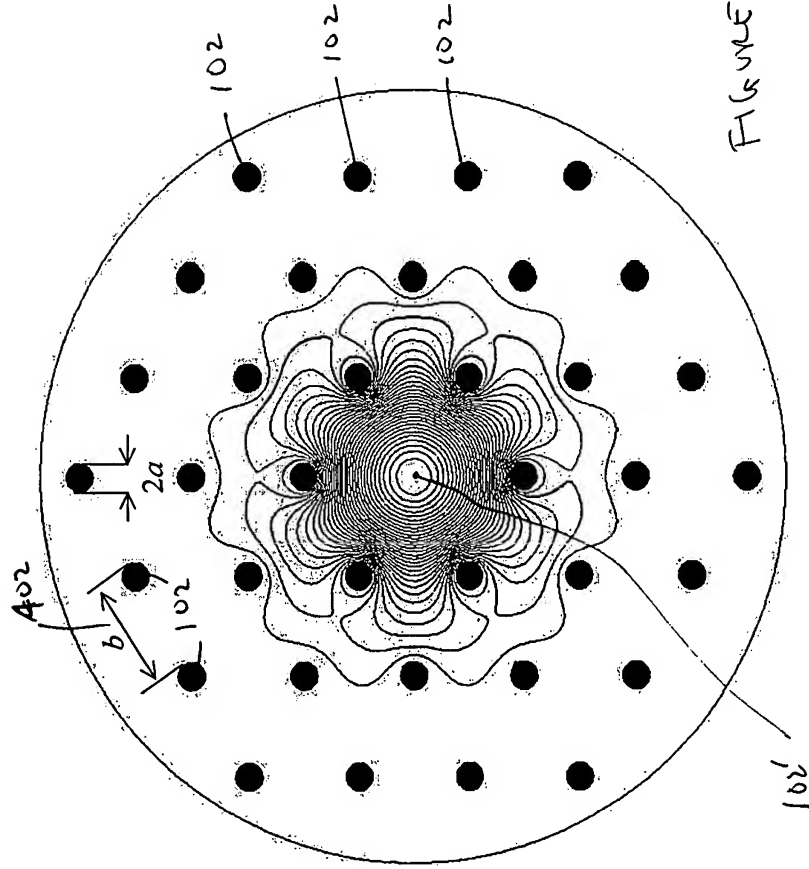
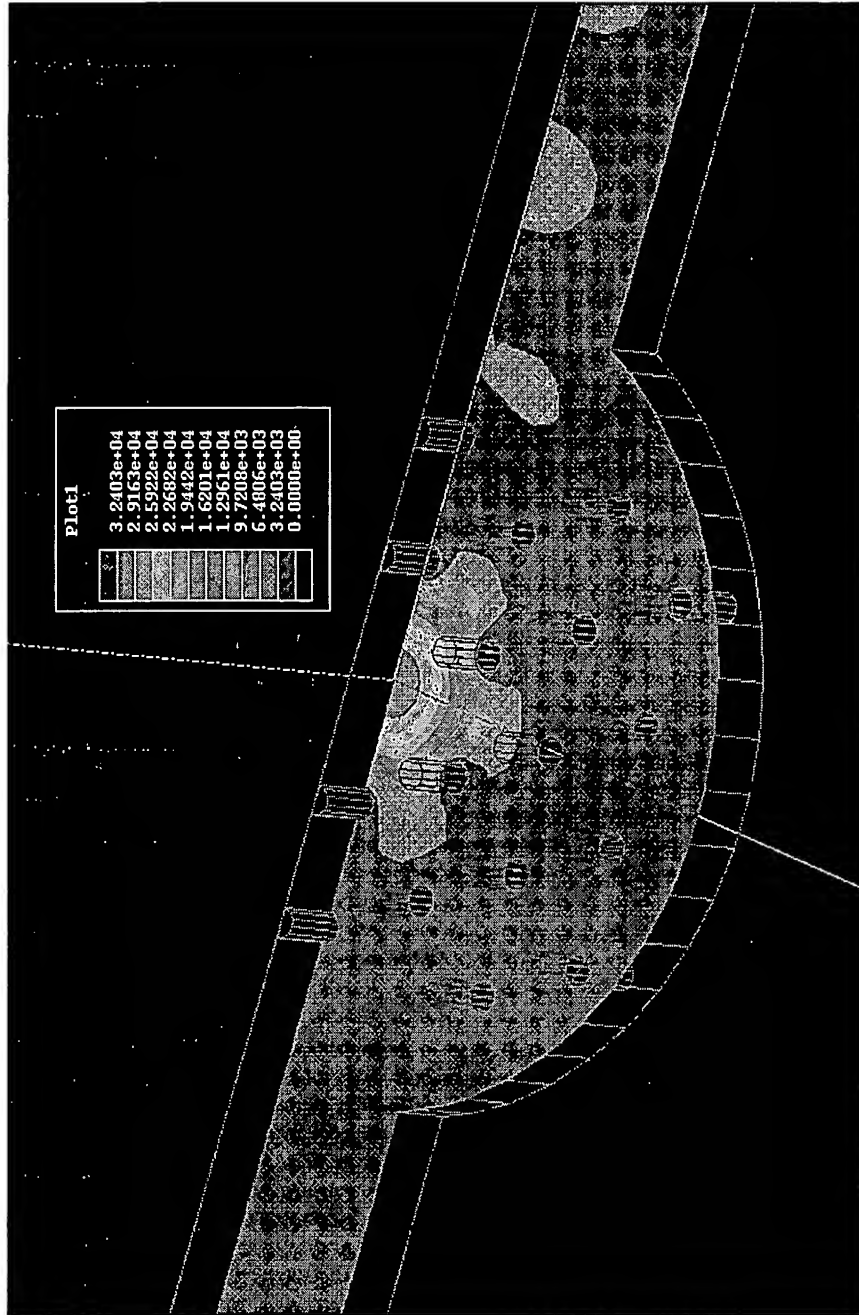


FIGURE 4A

204070-1937E001

Figure 4B



204070-1997E001

700

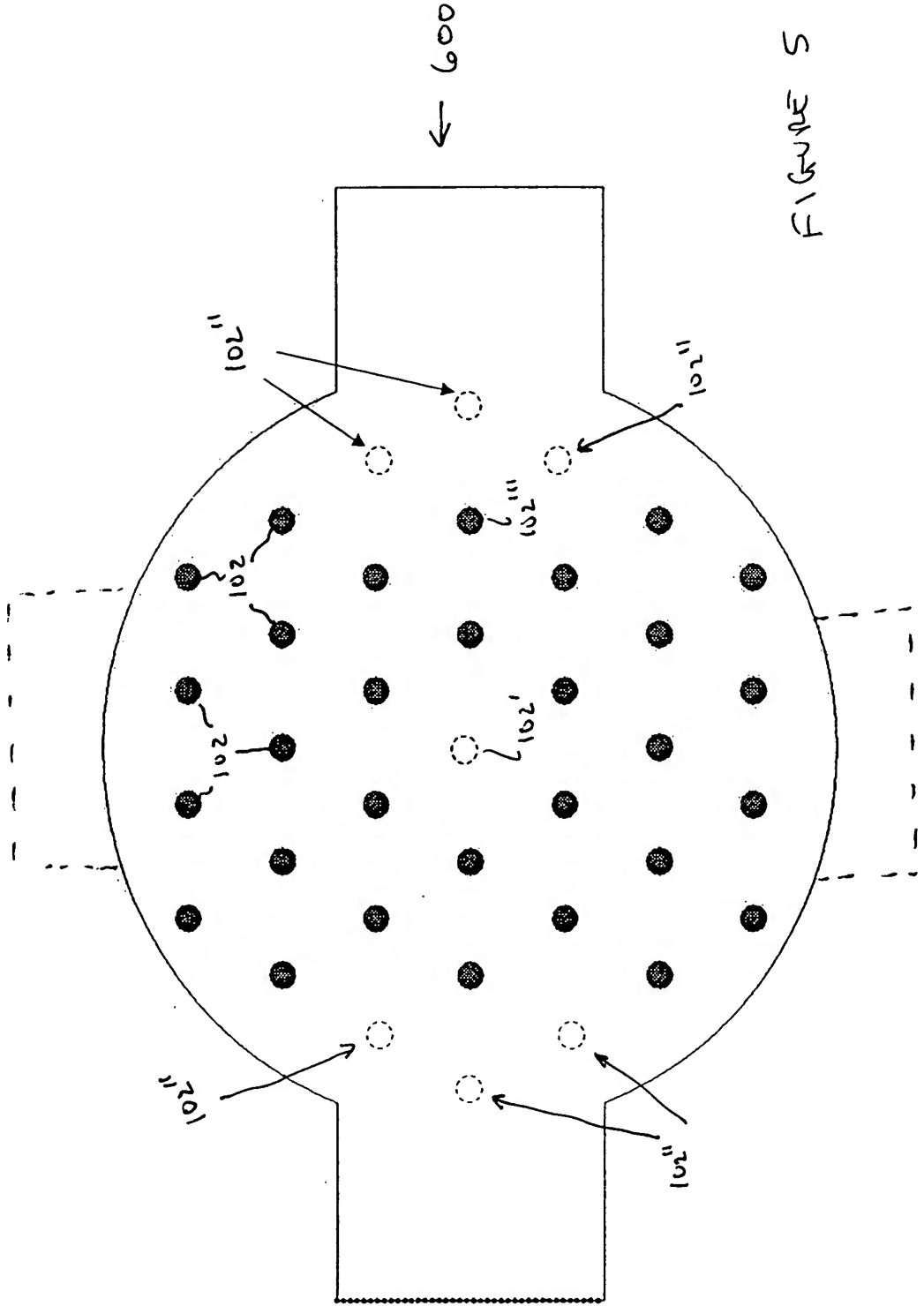


FIGURE 5

204070-T994E001

Title: Vacuum Electron Device with Photonic
Bandgap Structure and Method of Use Thereof
Inventor(s): Chen et al.
Serial No. Not Yet Assigned
Atty Docket No. MIT-132 (5473/145)
Atty/Agent: Joseph B. Milstein
Express Mail Mailing Label No. EL816677502US

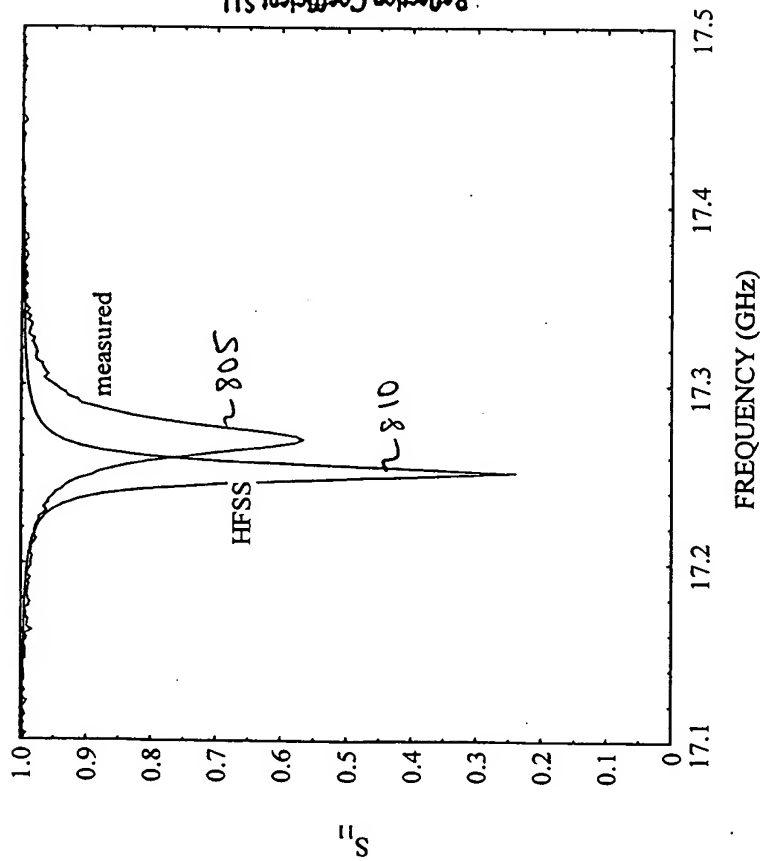


FIGURE 6A

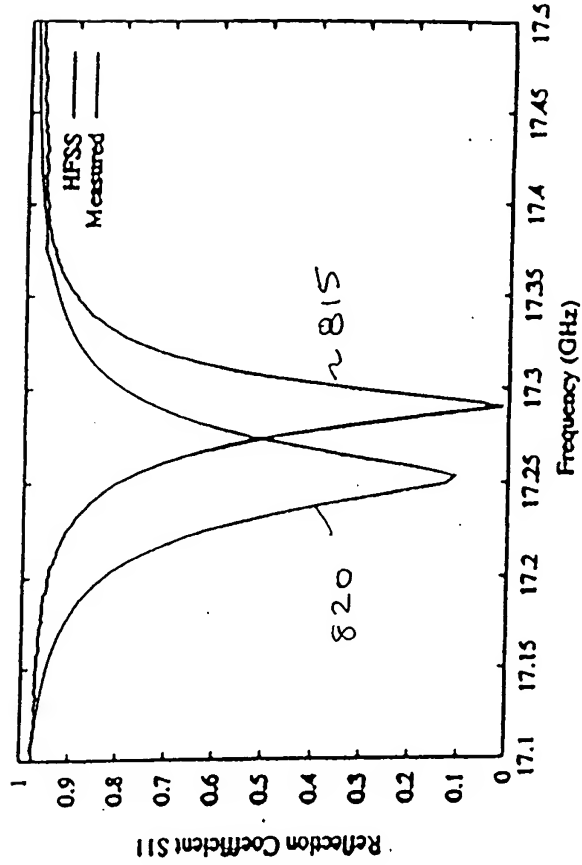


FIGURE 6B

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204070 T99E001

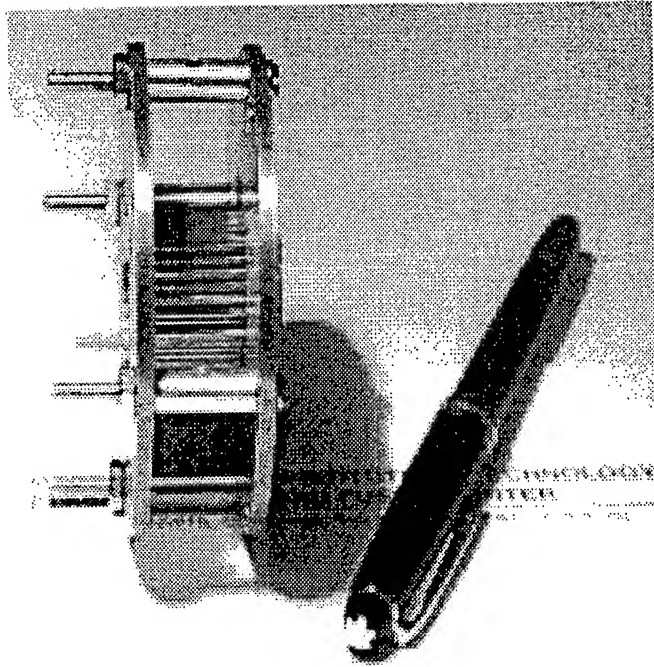


Figure 7B

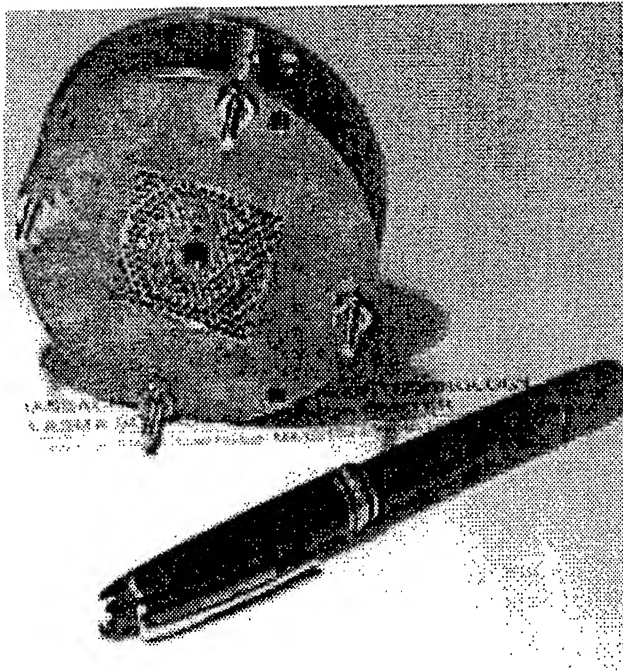


Figure 7A

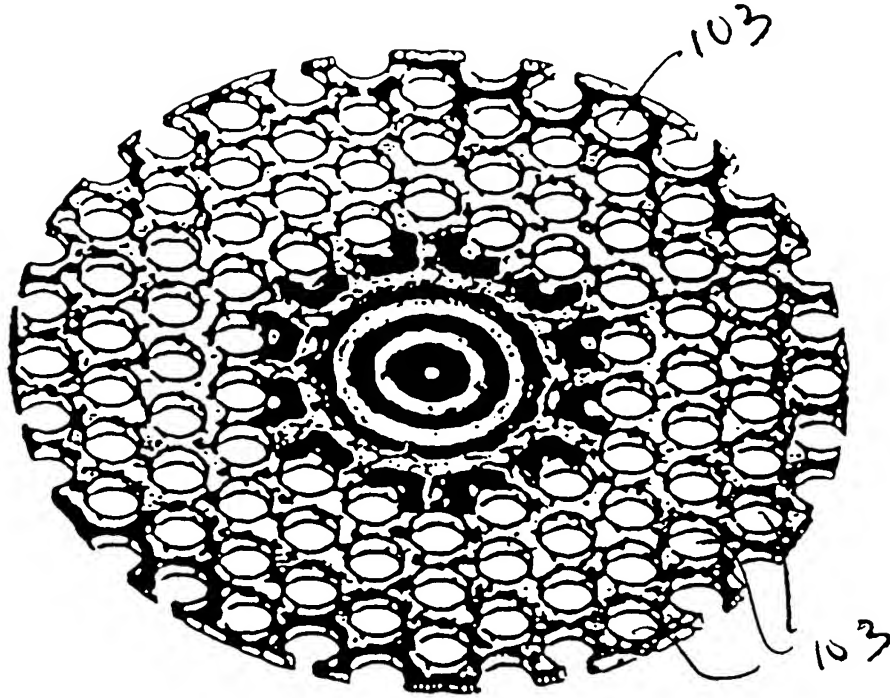


Figure 8A



Figure 8B

10037661.010402

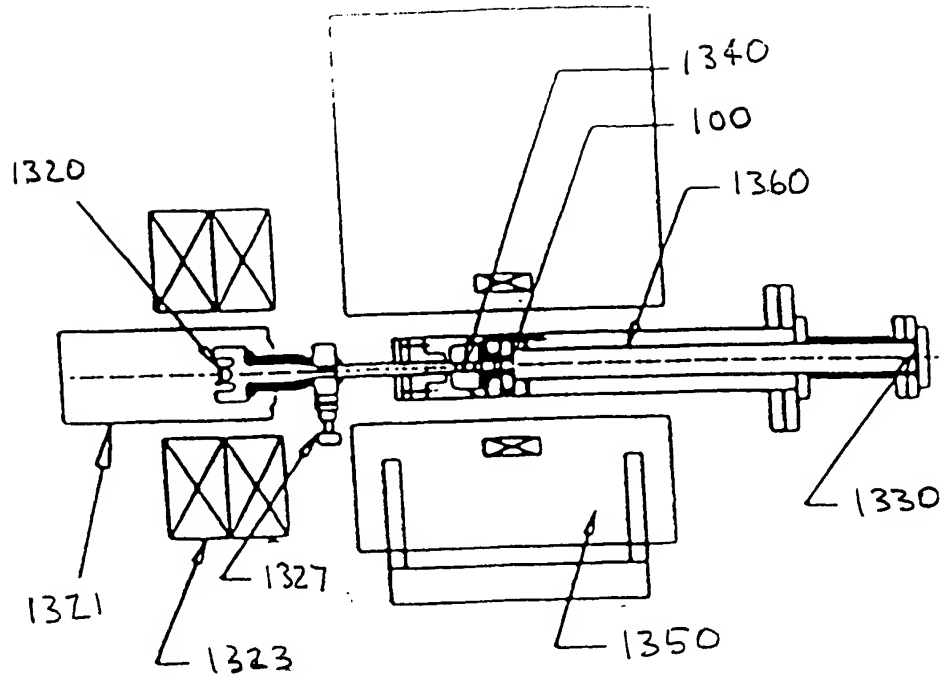


FIGURE 9

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